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Total Number of Pages in This Submission

Application Number	10/092,328
Filing Date	March 6, 2002
First Named Inventor	David A. Carlson
Group Art Unit	2171
Examiner Name	Not yet assigned
Attorney Docket Number	005655.P007

		ENCLOSURES	(check all that apply)			
Fee Transmittal For	m	Assignment Papers (for an Application)	After Allowance Communication to Group			
Fee Attached	i	Drawing(s)	Appeal Communication to Board of Appeals and Interferences			
Amendment / Reply	′	Licensing-related Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)			
After Final		Petition	Proprietary Information			
Affidavits/de	claration(s)	Petition to Convert to a Provisional Application	Status Letter			
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

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Application Number 10/092,328				
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	U.S. PATENT DOCUMENTS						
Examiner Initials		Document Number Number - Kind Code ² (if known	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US- 6,226,742 B1	05-01-2001	Jakubowski, et al.			
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	FOREIGN PATENT DOCUMENTS						
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2 of 2

Complete if Known			
Application Number 10/092,328			
Filing Date March 6, 2002			
First Named Inventor David A. Carlson			
Group Art Unit 2171			
Examiner Name	Not yet Assigned		
Attorney Docket Number 005655.P007			

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		FLUHRER, S., et al., "Attack on RC4 and WEP," Cryptobytes 2002, http://www.wisdom.weizmann.ac.il/~itsik/RC4/rc4.html, 9 pages	
		FLUHRER, S., et al., "Statistical Analysis of the Alleged RC4 Keystream Generator," FSE 2000, http://www.wisdom.weizmann.ac.il/~itsik/RC4/rc4.html, 12 pages	
		FLUHRER, S., et al., "Weakness in the Key Scheduling Algorithm of RC4," SAC 2001, http://www.wisdom.weizmann.ac.il/~itsik/RC4/rc4.html, 23 pages	
		GOLIC, Jovan D., "Linear Statistical Weakness of Alleged RC4 Keystream Generator," EUROCRYPT 1997, http://www.wisdom.weizmann.ac.il/~itsik/RC4/rc4.html, pp. 226-238	
		GROSUL, A. L., et al., "A Related-Key Cryptanalysis of RC4," June 6, 2002, http://www.wisdom.weizmann.ac.il/~itsik/RC4/rc4.html, pp. 1-13	
		KNUDSEN, L.R., et al., "Analysis Methods for (Allegd) RC4," ASIACRYPT 1998, http://www.wisdom.weizmann.ac.il/~itsik/RC4/rc4.html, 15 pages	
		MANTIN and SHAMIR, "A Practical Attack on Broadcast RC4," FSE 2001, http://www.wisdom.weizmann.ac.il/~itsik/RC4/rc4.html, 13 pages	
		SCHNEIER, B., Applied Cryptography, Second Edition, published by John Wiley & Sons, Inc., 1996, ch. 17 "Other Stream Ciphers and Real Random-Sequence Generators," pp. 397-398.	
		STUBBLEFIELD, A., et al., "Using the Fluhrer, Mantin, and Shamir Attack to Break WEP," AT&T Labs Technical Report TD-4ZCPZZ, August 6, 2001, http://www.wisdom.weizmann.ac.il/~itsik/RC4/rc4.html, 9 pages	
		RSA Laboratories, Cryptography FAQ, What is RC4? http://www.rsasecurity.com/rsalabs/faq/3-6-3.html, 01/30/2002, 1 page RECEIVED	
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